



MODIFICATION INFORMATION

for the

KODAK MINILOADER 2 PLUS, MODELS STAND-ALONE, M35-M & 480RA

Service Codes 3236, 3239 & 3240

MODIFICATION No. M02

PURPOSE:

To prevent 8 x 10 inch VIDEO CASSETTES being entered into the MINILOADER when 24 x 30 size is selected (the CASSETTE would be jammed inside), a new PHOTOCELL FC15 has been added to the CASSETTE ENTRY area. The VIDEO CASSETTES need two REFLECTIVE STICKERS fitting, one on each side, and a DIPSWITCH on PCB 301 needs to be set to make the PHOTOCELL active.

IMPORTANT: At present this is not a field modification.

SERIAL NUMBERS:	Factory fitted from:-		
	Model Stand-Alone	(3236)	3005
	Model M35-M	(3239)	2619
	Model 480RA	(3240)	4005

INSTALLATION TIME: Not applicable.

SPECIAL TOOLS: None

PARTS REQUIREMENT: Not applicable.

PARTS AVAILABILITY: Not applicable.

PARTS LIST

PART NO.	DESCRIPTION	QUANTITY
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NO PART KIT EXISTS FOR THIS MODIFICATION.

CAUTION



This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

PLEASE NOTE

The information contained herein is based on the experience and knowledge relating to the subject matter gained by Kodak Limited prior to publication.

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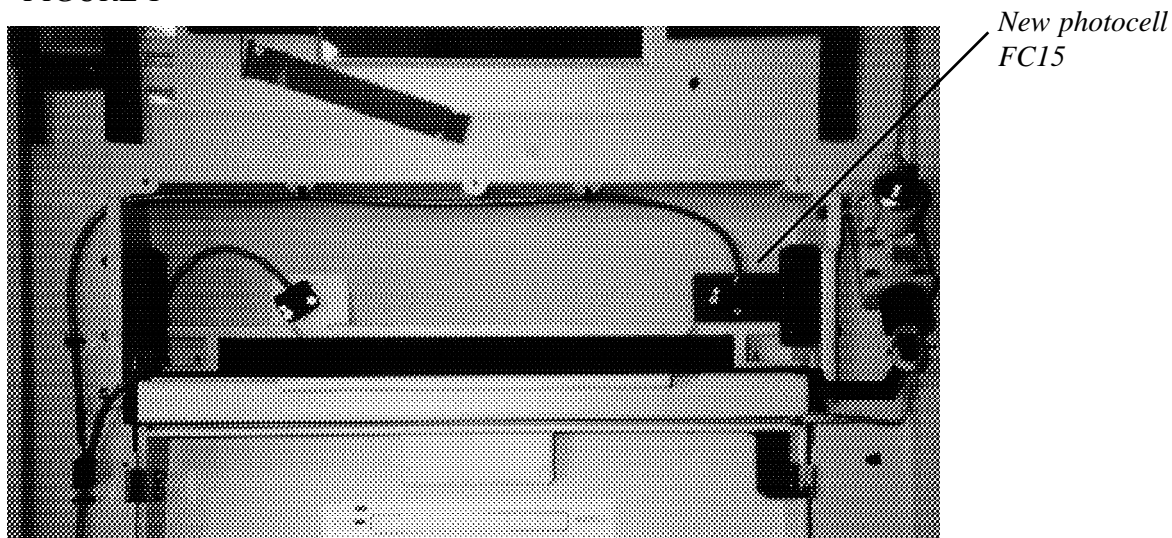
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MODIFICATION DETAILS

If a 24 x 30 CASSETTE is entered into the MINILOADER when the 8 x 10 inch VIDEO size is selected, the CASSETTE will be taken in by the CONVEYOR BELT, but as the 24 x 30 CASSETTE is slightly wider than the VIDEO CASSETTE, the 24 x 30 CASSETTE will jam inside the MINILOADER. It is then necessary to remove the LID of the MINILOADER to extract the CASSETTE, and damage might be done to the machine while the CASSETTE is being removed.

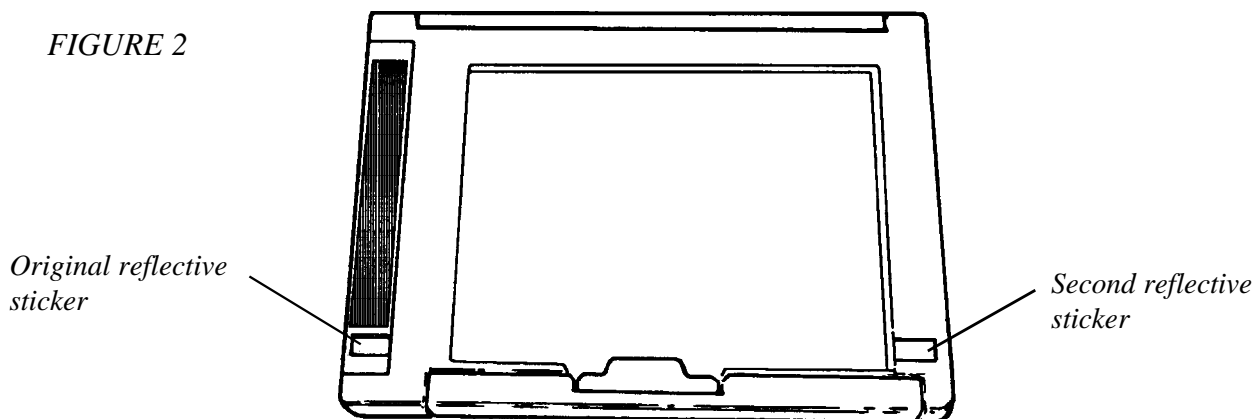
A second PHOTOCELL (FC15) is added to the CASSETTE ENTRY area, see FIGURE 1. PHOTOCELL FC15 was previously mounted in the MULTIPLE FILM DETECTOR ASSEMBLY, but it did not have any function.

FIGURE 1



An 8 x 10 inch VIDEO CASSETTE needs a second REFLECTIVE STICKER when MODIFICATION 2 is active - see FIGURE 2. When 8 x 10 inch VIDEO CASSETTE size is selected, PHOTOCELL FC15 looks for a second patch on the CASSETTE, and if the second patch is not present, the message "WRONG CASSETTE" is displayed and the MINILOADER will not start. This means that if the customer tries to enter a 24 x 30 CASSETTE, it will no longer be jammed inside the MINILOADER. IT IS IMPORTANT TO CHECK THAT NO OTHER CASSETTES HAVE A SECOND REFLECTIVE STICKER FITTED.

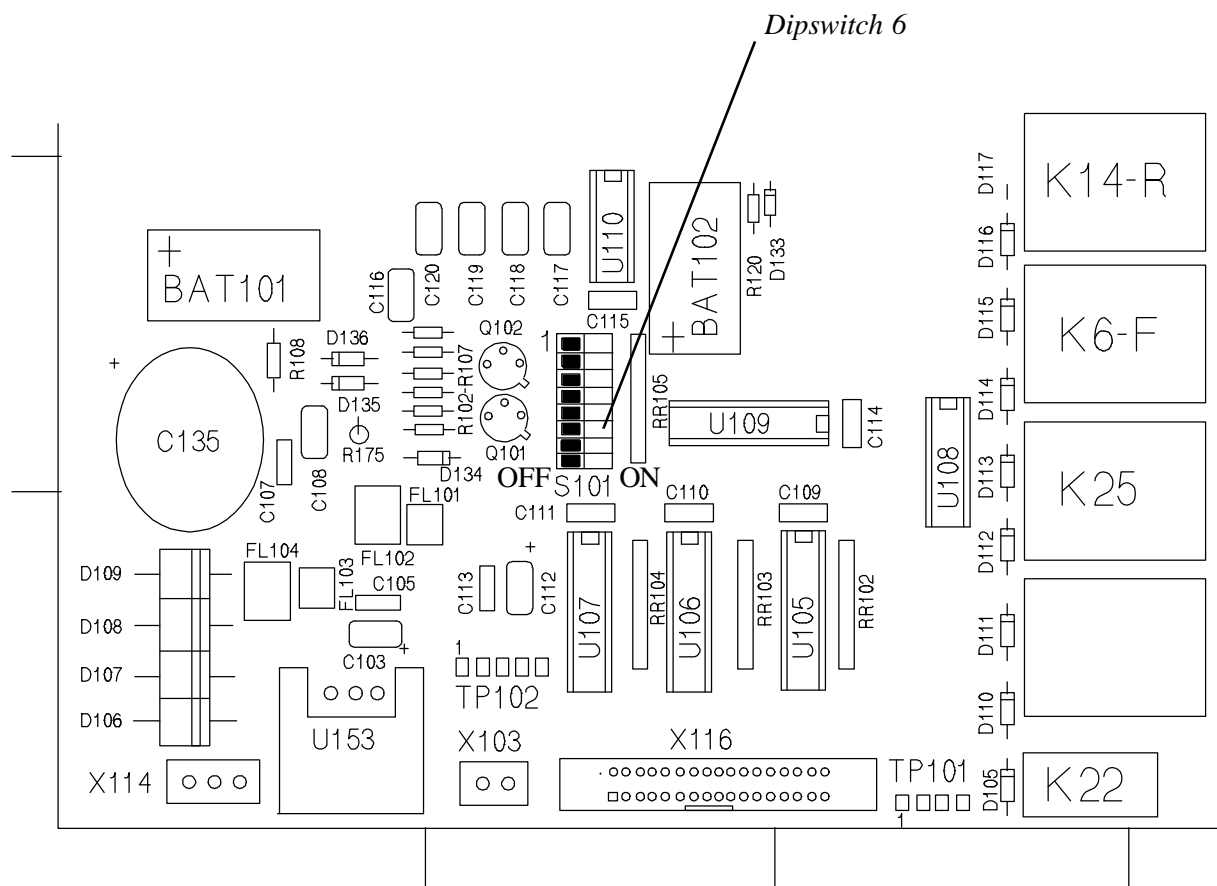
FIGURE 2



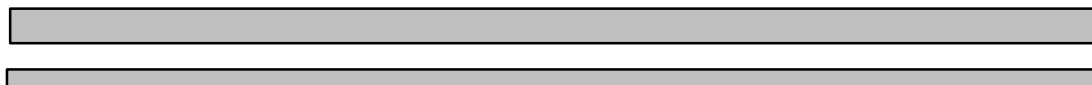
To make MODIFICATION 2 active, DIPSWITCH 6 on PCB 301 has to be turned ON. See FIGURE 3. If your customer does not use the 8 x 10 VIDEO CASSETTE, you may not want to use this feature, as it causes a slight delay every time a CASSETTE is entered into the MINILOADER, while the CASSETTE is checked for a second STICKER.

The factory setting is to leave DIPSWITCH 6 OFF.

FIGURE 3



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